

Diaphragm pump

Abstract

Diaphragm pump with a multipart pump body, comprising at least three rigid plates and at least two elastic diaphragms arranged between said plates, the plates forming at least one pumping chamber and at least two shut-off chambers, and the pumping chamber and shut-off chambers forming, together with an inlet duct, connecting ducts and an outlet duct, a passage duct; the pumping chamber and the shut-off chambers being separated by the diaphragms in each case into a product space and a control space with an axially movable disc, with an extended rod attached on one side, inserted into said control space, so that the rod, attached on one side of the movable disc, projects outside the metering head and can be adjusted outside the pump to move the movable disc axially and reduce or increase the maximum possible diaphragm travel in the pumping chamber.